

658 – di-SODIUM HYDROGEN ORTHOPHOSPHATE (Dihydrate), AR GRADE

REF NO: TBL/QA/SS/LC/658	STANDARD SPECIFICATION FOR di-SODIUM HYDROGEN ORTHOPHOSPHATE (Dihydrate), AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 31/10/2024
Issue Date: 01/11/2021		Product code: 658

PRODUCT PROPERTIES

C.A.S Number	10028-24-7
Chemical Formula	Na ₂ HPO ₄ .2H ₂ O
Formula weight	159.97
Functional Uses	It is a buffer substance for chromatography.
Standard Packaging	500 gm., 5 kg & 50kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colorless crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (5% Soln.)	8.8 – 9.4
Chloride (Cl)	NMT. - 0.001%
Iron (Fe)	NMT. - 0.0005%
Sulphate (SO ₄)	NMT. - 0.005%
Assay	NLT. - 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.